

The diagram illustrates a network architecture with two Internet Service Providers (ISPs) connected via a Wide Area Network (WAN) link.

ISP - POP1 (Co-located):

- Internet:** Connected to the WAN Link (68).
- WAN Link:** Connects to Router-1 (59).
- Route Server:** Connected to Router-1.
- Network Control Center:** Connected to the Route Server.
- Master Terminal:** Connected to the Network Control Center.
- Access Points:**
 - Satellite:** Satellite-1 (~12) and a ground station (~14).
 - Ethernet:** Connected to a Router (34) and a Terminal (10).
 - Dial-Up Access:** Remote Access Server (70) connected to Dial-up Links (~101, ~102, ~103).
 - Frame Access:** Router (52) connected to a Frame Relay cloud (60) and Data-23 (~104, ~105).

ISP - POP2 (Connected through WAN link):

- Frame Relay:** Connected to a Router (36) and a Terminal (20).
- Access Points:**
 - Satellite:** A ground station (~18).
 - Frame Access:** Router (56) connected to a Frame Relay cloud (62) and Data-23 (~107, ~108).
 - Dial-Up Access:** Remote Access Server (72) connected to Dial-up Links (~106, ~107, ~108).

Figure 1 Mesh Satellite Network supporting IP services

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FIGURE 2

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